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# COTTON GIN EQUIPMENT 1962



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**UNITED STATES DEPARTMENT OF AGRICULTURE**  
*Agricultural Marketing Service   Cotton Division*  
*Memphis, Tennessee*

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COTTON GIN EQUIPMENT - UNITED STATES  
1962

SUMMARY

Significant innovations and improvements continue to be made in the cotton ginning industry in the United States. The shift to mechanized harvesting of the cotton crop, increasing from 27 to 59 percent in the last five years, has been the predominant factor in bringing about technological advances in ginning equipment. Changes in the methods of marketing and utilization requirements have also been a contributing influence on the development of gin machinery. This report presents in tabular form certain types of equipment and machinery in cotton gins in the United States at the beginning of the 1962-63 season.

Gin equipment data are presented in this report in five groups of three tables each. The first group of three tables covers equipment by states and the United States. The four remaining groups of tables present ginning data by districts and states in each of the four geographical areas of the cotton belt.

During the five years between 1957 and 1962, the trend continued toward fewer gin batteries and larger ginning capacity per gin battery. In 1962 there were slightly over 5,400 gin batteries in the United States with 43 percent of the batteries ginning 2,500 bales or more during the 1961-62 season. Comparable figures in 1957 indicated about 6,800 active gin batteries with only 25 percent ginning over 2,500 bales during the 1956-57 season. The largest decrease in total gin batteries in the last five years was in the southeastern area of the belt. In the far western area, total gin batteries increased by 20 percent since 1957. About 90 percent of the batteries in this area ginned 2,500 or more bales during the 1961-62 season.

The proportion of all gin batteries in the United States having seed cotton driers increased from 85 percent in 1957 to 96 percent in 1962. While this increase is certainly noteworthy, of more significance is the increase in the number of batteries having facilities for more than one stage of drying. In 1957, only 39 percent of all batteries having drying equipment had facilities for more than one stage of drying while in 1962 the proportion providing these additional stages of drying had increased to 55 percent. All gin batteries in the far western area now have seed cotton driers with 25 percent having facilities for three or more stages of drying.

Lint cleaning equipment is now installed in 93 percent of all gin batteries in the United States, compared with 51 percent in 1957. In the southeastern area of the belt, about 82 percent of all gin batteries have facilities for one or more stages of lint cleaning while each of the other three areas has lint cleaning equipment in well over 90 percent of all batteries. The number of gins having facilities for more than one stage of lint cleaning has also increased steadily. For instance, in the years 1959 through 1962 the proportion of gin batteries having facilities for two or more stages of lint cleaning was 41, 50, 58 and 64 percent, respectively.

Seed cotton cleaning equipment above the distributor has increased in recent years. The most pronounced increase has been in the installation of stick and green leaf machines. The proportion of all gin batteries having this cleaning equipment increased from seven percent in 1957 to 25 percent in 1962. Other seed cotton cleaning equipment such as green boll traps, magnets and bur extractors also increased.

Information used to compile the data presented in this report was taken from gin records maintained in cotton classing offices of the Cotton Division, Agricultural Marketing Service, United States Department of Agriculture. The information for individual gin batteries was obtained in cooperation with the gin owner or manager. The total number of gin batteries reported by districts do not in all cases correspond with the number of batteries shown by the volume of ginning frequencies as ginnings were not always available for individual batteries of multiple battery units.

Table 1. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages,  
by States and United States, 1961-62

| State         | Total<br>gin<br>batteries | Bales ginned      |        |                   |        |                     |        | Number of<br>batteries<br>having<br>seed cotton<br>dryers |        |                      |        |                       |        | Batteries by<br>number of drying stages |        |        |        |        |        |                     |  |
|---------------|---------------------------|-------------------|--------|-------------------|--------|---------------------|--------|---|--------|----------------------|--------|-----------------------|--------|---|--------|--------|--------|--------|--------|---------------------|--|
|               |                           | 500<br>or<br>less |        | 501<br>-<br>1,500 |        | 1,501<br>-<br>2,500 |        | 2,501<br>-<br>5,000                                       |        | 5,001<br>-<br>10,000 |        | 10,001<br>and<br>over |        | One                                     |        | Two    |        | Three  |        | Four<br>and<br>more |  |
|               |                           | Number            | Number | Number            | Number | Number              | Number | Number  | Number | Number               | Number | Number                | Number | Number                                  | Number | Number | Number | Number | Number |                     |  |
| Georgia       | 311                       | 52                | 95     | 94                | 56     | 4                   | -      | 283   | 142    | 108                  | 30     | 3                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Alabama       | 416                       | 55                | 183    | 106               | 64     | 3                   | -      | 383   | 251    | 118                  | 14     | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| S. Carolina   | 307                       | 64                | 107    | 82                | 41     | -                   | -      | 282   | 188    | 88                   | 6      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| N. Carolina   | 270                       | 75                | 127    | 51                | 17     | -                   | -      | 238   | 182    | 52                   | 4      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Virginia      | 13                        | 5                 | 7      | 1                 | -      | -                   | -      | 6   | 3      | 3                    | -      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Florida       | 7                         | 1                 | 1      | 2                 | 1      | -                   | -      | 5   | 3      | 2                    | -      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Louisiana     | 231                       | 20                | 71     | 69                | 66     | 5                   | -      | 223   | 57     | 148                  | 18     | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Arkansas      | 551                       | 26                | 91     | 136               | 243    | 44                  | 1      | 538   | 214    | 277                  | 47     | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Mississippi   | 676                       | 63                | 130    | 178               | 223    | 54                  | 1      | 652   | 272    | 347                  | 33     | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Tennessee     | 283                       | 10                | 89     | 104               | 69     | 3                   | -      | 273   | 82     | 140                  | 50     | 1                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Missouri      | 154                       | 1                 | 25     | 60                | 61     | 6                   | -      | 153   | 24     | 120                  | 9      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Illinois      | 2                         | 2                 | -      | -                 | -      | -                   | -      | 2   | 1      | 1                    | -      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Kentucky      | 3                         | -                 | 2      | 1                 | -      | -                   | -      | 3   | -      | 2                    | 1      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Texas         | 1,496                     | 124               | 297    | 248               | 448    | 346                 | 32     | 1,475   | 693    | 678                  | 97     | 7                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Oklahoma      | 172                       | 13                | 58     | 56                | 29     | 15                  | -      | 168   | 111    | 55                   | 2      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Arizona       | 148                       | -                 | 13     | 5                 | 40     | 80                  | 10     | 148   | 60     | 78                   | 10     | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| California    | 316                       | 1                 | 2      | 8                 | 137    | 162                 | 6      | 316   | 14     | 187                  | 107    | 8                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| New Mexico    | 74                        | 3                 | 4      | 12                | 33     | 20                  | 2      | 73  | 31     | 23                   | 13     | 6                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| Nevada        | 1                         | -                 | -      | -                 | -      | -                   | 1      | -   | 1      | 1                    | -      | -                     | -      | -                                       | -      | -      | -      | -      | -      |                     |  |
| United States | 5,431                     | 515               | 1,302  | 1,213             | 1,528  | 743                 | 52     | 5,222   | 2,329  | 2,427                | 441    | 25                    | -      | -                                       | -      | -      | -      | -      | -      |                     |  |

Table 2. Cotton gin batteries with specified kinds of equipment, by States and United States, 1961-62

Table 3. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages, by States and United States, 1961-62

| State         | Total<br>gin<br>batteries | Batteries by number of gin stands |        |        |                 |        |        | Batteries by number<br>of lint cleaning stages |        |                  |        |        |        |
|---------------|---------------------------|-----------------------------------|--------|--------|-----------------|--------|--------|--|--------|------------------|--------|--------|--------|
|               |                           | Gin stands                        |        |        | Six and<br>more |        |        | Batteries<br>having<br>lint<br>cleaners        |        | Four and<br>more |        | Number |        |
|               |                           | Number                            | Number | Number | Number          | Number | Number | Number   | Number | Number           | Number | Number | Number |
| Georgia       | 311                       | 19                                | 95     | 182    | 15              | -      | -      | 267  | 138    | 111              | 18     | -      | -      |
| Alabama       | 416                       | 23                                | 127    | 238    | 27              | -      | -      | 383  | 168    | 184              | 31     | -      | -      |
| S. Carolina   | 307                       | 14                                | 154    | 131    | 8               | -      | -      | 244  | 121    | 110              | 13     | -      | -      |
| N. Carolina   | 270                       | 25                                | 144    | 100    | 1               | -      | -      | 185  | 142    | 41               | 2      | -      | -      |
| Virginia      | 13                        | 6                                 | 5      | 2      | -               | -      | -      | 1  | 1      | -                | -      | -      | -      |
| Florida       | 7                         | -                                 | 3      | 4      | -               | -      | -      | 6  | 3      | 3                | -      | -      | -      |
| Louisiana     | 231                       | 7                                 | 43     | 143    | 38              | -      | -      | 220  | 60     | 124              | 34     | 2      | 2      |
| Arkansas      | 551                       | 27                                | 199    | 259    | 66              | -      | -      | 529  | 197    | 273              | 57     | 2      | 2      |
| Mississippi   | 676                       | 25                                | 191    | 397    | 61              | 2      | 2      | 621  | 245    | 345              | 31     | -      | -      |
| Tennessee     | 283                       | 14                                | 143    | 119    | 7               | -      | -      | 276  | 89     | 159              | 28     | -      | -      |
| Missouri      | 154                       | 3                                 | 58     | 84     | 9               | -      | -      | 153  | 26     | 106              | 21     | -      | -      |
| Illinois      | 2                         | -                                 | 2      | -      | -               | -      | -      | 2  | 1      | 1                | -      | -      | -      |
| Kentucky      | 3                         | -                                 | 3      | -      | -               | -      | -      | 3  | 1      | 1                | 1      | -      | -      |
| Texas         | 1,496                     | 21                                | 77     | 683    | 677             | 38     | 1,436  | 469  | 791    | 174              | 2      | -      | -      |
| Oklahoma      | 172                       | 8                                 | 22     | 105    | 36              | 1      | 162    | 87   | 72     | 3                | -      | -      | -      |
| Arizona       | 148                       | -                                 | 10     | 11     | 99              | 28     | 148    | 18   | 87     | 37               | 6      | -      | -      |
| California    | 316                       | 1                                 | 7      | 27     | 246             | 35     | 316    | 12   | 224    | 80               | -      | -      | -      |
| N. Mexico     | 74                        | 1                                 | 7      | 33     | 28              | 5      | 73     | 11   | 41     | 21               | -      | -      | -      |
| Nevada        | 1                         | -                                 | -      | -      | 1               | -      | 1      | -  | 1      | -                | -      | -      | -      |
| United States | 5,431                     | 194                               | 1,290  | 2,518  | 1,319           | 109    | 5,026  | 1,789  | 2,674  | 551              | 12     | -      | -      |

Table 4. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages,  
Southeastern Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Number | Bales ginned      |                   |                     |                     |                      |                       | Batteries by<br>number of drying stages |        |        |        |             |        |
|-------------------------------|---------------------------|--------|-------------------|-------------------|---------------------|---------------------|----------------------|-----------------------|---|--------|--------|--------|-------------|--------|
|                               |                           |        | 500<br>or<br>less | 501<br>-<br>1,500 | 1,501<br>-<br>2,500 | 2,501<br>-<br>5,000 | 5,001<br>-<br>10,000 | 10,001<br>and<br>over | Number                                  | Number | Number | Number | Number      | Number |
|                               |                           |        | Number            | Number            | Number              | Number              | Number               | Number                | One                                     | Two    | Three  | Four   | and<br>more | Number |
| Georgia                       |                           |        |                   |                   |                     |                     |                      |                       |   |        |        |        |             |        |
| District 1                    | 124                       | 38     | 51                | 22                | 7                   | 1                   | -                    | -                     | 99                                      | 74     | 23     | 2      | -           | -      |
| District 2                    | 115                       | 9      | 22                | 47                | 32                  | -                   | -                    | -                     | 113                                     | 44     | 50     | 19     | -           | -      |
| District 3                    | 72                        | 5      | 22                | 25                | 17                  | 3                   | -                    | -                     | 71                                      | 24     | 35     | 9      | 3           | -      |
| Total                         | 311                       | 52     | 95                | 94                | 56                  | 4                   | -                    | -                     | 283                                     | 142    | 108    | 30     | 3           | -      |
| Alabama                       |                           |        |                   |                   |                     |                     |                      |                       |   |        |        |        |             |        |
| District 1                    | 220                       | 27     | 110               | 42                | 37                  | 2                   | -                    | -                     | 214                                     | 132    | 73     | 9      | -           | -      |
| District 2                    | 123                       | 25     | 38                | 44                | 14                  | 1                   | -                    | -                     | 100                                     | 76     | 22     | 2      | -           | -      |
| District 3                    | 73                        | 3      | 35                | 20                | 13                  | -                   | -                    | -                     | 69                                      | 43     | 23     | 3      | -           | -      |
| Total                         | 416                       | 55     | 183               | 106               | 64                  | 3                   | -                    | -                     | 383                                     | 251    | 118    | 14     | -           | -      |
| S. Carolina                   |                           |        |                   |                   |                     |                     |                      |                       |   |        |        |        |             |        |
| District 1                    | 103                       | 47     | 41                | 15                | -                   | -                   | -                    | -                     | 81                                      | 71     | 10     | -      | -           | -      |
| District 2                    | 129                       | 12     | 44                | 42                | 23                  | -                   | -                    | -                     | 127                                     | 73     | 48     | 6      | -           | -      |
| District 3                    | 75                        | 5      | 22                | 25                | 18                  | -                   | -                    | -                     | 74                                      | 44     | 30     | -      | -           | -      |
| Total                         | 307                       | 64     | 107               | 82                | 41                  | -                   | -                    | -                     | 282                                     | 188    | 88     | 6      | -           | -      |
| N. Carolina                   |                           |        |                   |                   |                     |                     |                      |                       |   |        |        |        |             |        |
| District 1                    | 78                        | 39     | 31                | 8                 | -                   | -                   | -                    | -                     | 64                                      | 55     | 8      | 1      | -           | -      |
| District 2                    | 118                       | 19     | 63                | 29                | 7                   | -                   | -                    | -                     | 105                                     | 72     | 32     | 1      | -           | -      |
| District 3                    | 74                        | 17     | 33                | 14                | 10                  | -                   | -                    | -                     | 69                                      | 55     | 12     | 2      | -           | -      |
| Total                         | 270                       | 75     | 127               | 51                | 17                  | -                   | -                    | -                     | 238                                     | 182    | 52     | 4      | -           | -      |
| Virginia                      | 13                        | 5      | 7                 | 1                 | -                   | -                   | -                    | -                     | 6                                       | 3      | 3      | -      | -           | -      |
| Florida                       | 7                         | 1      | 1                 | 2                 | 1                   | -                   | -                    | -                     | 5                                       | 3      | 2      | -      | -           | -      |
| Area Total                    | 1,324                     | 252    | 520               | 336               | 179                 | 7                   | -                    | -                     | 1,197                                   | 769    | 371    | 54     | 3           | -      |

Table 5. Cotton gin batteries with specified kinds of equipment, Southeastern Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Number of gin batteries having:   |                      |                   |                                     |            |                        | Batteries with<br>seed cotton cleaners<br>under the<br>distributor |                    |
|-------------------------------|---------------------------|-----------------------------------|----------------------|-------------------|-------------------------------------|------------|------------------------|--|--------------------|
|                               |                           | Bulk or<br>master feed<br>control | Overhead<br>cleaners | Bur<br>extractors | Stick and<br>green leaf<br>machines | Magnets    | Green<br>boll<br>traps | Overflow<br>bypass   | Moisture<br>meters |
| <b>Georgia</b>                |                           |                                   |                      |                   |                                     |            |                        |  |                    |
| District 1                    | 124                       | -                                 | 70                   | 17                | 20                                  | 8          | 10                     | 36   | -                  |
| District 2                    | 115                       | 13                                | 92                   | 48                | 56                                  | 42         | 6                      | 49   | 28                 |
| District 3                    | 72                        | 9                                 | 70                   | 34                | 26                                  | 13         | 43                     | 33   | 19                 |
| Total                         | 311                       | 22                                | 232                  | 99                | 102                                 | 63         | 59                     | 118  | 63                 |
| <b>Alabama</b>                |                           |                                   |                      |                   |                                     |            |                        |  |                    |
| District 1                    | 220                       | 6                                 | 181                  | 53                | 72                                  | 20         | 66                     | 113  | -                  |
| District 2                    | 123                       | 3                                 | 77                   | 18                | 23                                  | 17         | 26                     | 35   | 78                 |
| District 3                    | 73                        | -                                 | 57                   | 29                | 22                                  | 22         | 28                     | 31   | 73                 |
| Total                         | 416                       | 9                                 | 315                  | 100               | 117                                 | 59         | 120                    | 179  | 159                |
| <b>S. Carolina</b>            |                           |                                   |                      |                   |                                     |            |                        |  |                    |
| District 1                    | 103                       | 1                                 | 67                   | 13                | 3                                   | 5          | 38                     | 38   | -                  |
| District 2                    | 129                       | 4                                 | 111                  | 52                | 4                                   | 7          | 27                     | 77   | 16                 |
| District 3                    | 75                        | 4                                 | 65                   | 20                | 21                                  | 5          | 36                     | 41   | 11                 |
| Total                         | 307                       | 9                                 | 243                  | 85                | 28                                  | 17         | 101                    | 156  | 27                 |
| <b>N. Carolina</b>            |                           |                                   |                      |                   |                                     |            |                        |  |                    |
| District 1                    | 78                        | 1                                 | 44                   | 21                | -                                   | 2          | 2                      | 49   | -                  |
| District 2                    | 118                       | 5                                 | 72                   | 17                | 15                                  | 10         | 42                     | 63   | 4                  |
| District 3                    | 74                        | 4                                 | 63                   | 20                | 7                                   | 18         | 15                     | 47   | 8                  |
| Total                         | 270                       | 10                                | 179                  | 58                | 22                                  | 30         | 59                     | 159  | 30                 |
| <b>Virginia</b>               |                           |                                   |                      |                   |                                     |            |                        |  |                    |
|                               | 13                        | -                                 | 3                    | -                 | -                                   | -          | 1                      | 2  | -                  |
| <b>Florida</b>                |                           |                                   |                      |                   |                                     |            |                        |  |                    |
|                               | 7                         | -                                 | 6                    | 2                 | 1                                   | -          | 3                      | 7  | 5                  |
| <b>Area Total</b>             | <b>1,324</b>              | <b>50</b>                         | <b>978</b>           | <b>344</b>        | <b>270</b>                          | <b>169</b> | <b>343</b>             | <b>621</b>   | <b>5</b>           |
|                               |                           |                                   |                      |                   |                                     |            |                        |  | <b>331</b>         |

Table 6. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages,  
Southeastern Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Batteries by number of gin stands |        |        |            |      |      | Batteries by number<br>of lint cleaning stages |        |        |        |        |        |
|-------------------------------|---------------------------|-----------------------------------|--------|--------|------------|------|------|--|--------|--------|--------|--------|--------|
|                               |                           | Two or<br>less                    |        |        | Gin stands |      |      | having<br>lint<br>cleaners                     |        |        | One    |        |        |
|                               |                           | Number                            | Number | Number | Three      | Four | Five | Six and<br>more                                | Number | Number | Number | Number | Number |
| Georgia                       |                           |                                   |        |        |            |      |      |  |        |        |        |        |        |
| District 1                    | 124                       | 10                                | 44     | 67     | 3          | -    | -    | 90   | 76     | 14     | -      | -      | -      |
| District 2                    | 115                       | 7                                 | 29     | 69     | 10         | -    | -    | 108  | 37     | 58     | 13     | -      | -      |
| District 3                    | 72                        | 2                                 | 22     | 46     | 2          | -    | -    | 69   | 25     | 39     | 5      | -      | -      |
| Total                         | 311                       | 19                                | 95     | 182    | 15         | -    | -    | 267  | 138    | 111    | 18     | -      | -      |
| Alabama                       |                           |                                   |        |        |            |      |      |  |        |        |        |        |        |
| District 1                    | 220                       | 4                                 | 59     | 140    | 16         | -    | -    | 215  | 71     | 118    | 26     | -      | -      |
| District 2                    | 123                       | 16                                | 41     | 61     | 5          | -    | -    | 98   | 64     | 32     | 2      | -      | -      |
| District 3                    | 73                        | 3                                 | 27     | 37     | 6          | -    | -    | 70   | 33     | 34     | 3      | -      | -      |
| Total                         | 416                       | 23                                | 127    | 238    | 27         | -    | -    | 383  | 168    | 184    | 31     | -      | -      |
| S. Carolina                   |                           |                                   |        |        |            |      |      |  |        |        |        |        |        |
| District 1                    | 103                       | 6                                 | 62     | 34     | 1          | -    | -    | 52   | 47     | 5      | -      | -      | -      |
| District 2                    | 129                       | 3                                 | 46     | 75     | 5          | -    | -    | 121  | 49     | 66     | 6      | -      | -      |
| District 3                    | 75                        | 5                                 | 46     | 22     | 2          | -    | -    | 71   | 25     | 39     | 7      | -      | -      |
| Total                         | 307                       | 14                                | 154    | 131    | 8          | -    | -    | 244  | 121    | 110    | 13     | -      | -      |
| N. Carolina                   |                           |                                   |        |        |            |      |      |  |        |        |        |        |        |
| District 1                    | 78                        | 6                                 | 41     | 31     | -          | -    | -    | 27   | 24     | 3      | -      | -      | -      |
| District 2                    | 118                       | 12                                | 67     | 39     | -          | -    | -    | 97   | 74     | 22     | 1      | -      | -      |
| District 3                    | 74                        | 7                                 | 36     | 30     | 1          | -    | -    | 61   | 44     | 16     | 1      | -      | -      |
| Total                         | 270                       | 25                                | 144    | 100    | 1          | -    | -    | 185  | 142    | 41     | 2      | -      | -      |
| Virginia                      | 13                        | 6                                 | 5      | 2      | -          | -    | -    | 1  | 1      | -      | -      | -      | -      |
| Florida                       | 7                         | -                                 | 3      | 4      | -          | -    | -    | 6  | 3      | 3      | -      | -      | -      |
| Area Total                    | 1,324                     | 87                                | 528    | 657    | 51         | -    | -    | 1,086  | 573    | 449    | 64     | -      | -      |

Table 7. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages,  
South Central Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Bales ginned      |        |                   |        |                     |        |                     |        |                      |        | Number of<br>batteries<br>having<br>seed cotton<br>and<br>driers |        |        |        |        |        | Number of<br>batteries by<br>number of drying stages |        |  |  |  |  |
|-------------------------------|---------------------------|-------------------|--------|-------------------|--------|---------------------|--------|---------------------|--------|----------------------|--------|--|--------|--------|--------|--------|--------|--|--------|--|--|--|--|
|                               |                           | 500<br>or<br>less |        | 501<br>-<br>1,500 |        | 1,501<br>-<br>2,500 |        | 2,501<br>-<br>5,000 |        | 5,001<br>-<br>10,000 |        | 10,001<br>and<br>over  |        | Number | Number | Number | Number | Number   | Number |  |  |  |  |
|                               |                           | Number            | Number | Number            | Number | Number              | Number | Number              | Number | Number               | Number | Number   | Number | One    | Two    | Three  | Four   | Four<br>and<br>more                                  |        |  |  |  |  |
| Louisiana                     |                           |                   |        |                   |        |                     |        |                     |        |                      |        |  |        |        |        |        |        |  |        |  |  |  |  |
| District 1                    | 53                        | 6                 | 13     | 15                | 17     | 2                   | -      | -                   | -      | -                    | -      | 51   | 13     | 31     | 7      | -      | -      |  |        |  |  |  |  |
| District 2                    | 4                         | 4                 | -      | -                 | -      | -                   | -      | -                   | -      | -                    | -      | 1  | 1      | -      | -      | -      | -      |  |        |  |  |  |  |
| District 3                    | 99                        | 2                 | 15     | 34                | 45     | 3                   | -      | -                   | -      | -                    | -      | 98   | 15     | 74     | 9      | -      | -      |  |        |  |  |  |  |
| District 4                    | 75                        | 8                 | 43     | 20                | 4      | -                   | -      | -                   | -      | -                    | -      | 73   | 28     | 43     | 2      | -      | -      |  |        |  |  |  |  |
| Total                         | 231                       | 20                | 71     | 69                | 66     | 5                   | -      | -                   | -      | -                    | -      | 223  | 57     | 148    | 18     | -      | -      |  |        |  |  |  |  |
| Arkansas                      |                           |                   |        |                   |        |                     |        |                     |        |                      |        |  |        |        |        |        |        |  |        |  |  |  |  |
| District 1                    | 21                        | 3                 | 11     | 4                 | 3      | -                   | -      | -                   | -      | -                    | -      | 20   | 12     | 6      | 2      | -      | -      |  |        |  |  |  |  |
| District 2                    | 301                       | 5                 | 40     | 85                | 140    | 28                  | -      | -                   | -      | -                    | -      | 301  | 98     | 168    | 35     | -      | -      |  |        |  |  |  |  |
| District 3                    | 46                        | 8                 | 15     | 7                 | 14     | 2                   | -      | -                   | -      | -                    | -      | 39   | 22     | 15     | 2      | -      | -      |  |        |  |  |  |  |
| District 4                    | 183                       | 10                | 25     | 40                | 86     | 14                  | 1      | -                   | -      | -                    | -      | 178  | 82     | 88     | 8      | -      | -      |  |        |  |  |  |  |
| Total                         | 551                       | 26                | 91     | 136               | 243    | 44                  | 1      | -                   | -      | -                    | -      | 538  | 214    | 277    | 47     | -      | -      |  |        |  |  |  |  |
| Mississippi                   |                           |                   |        |                   |        |                     |        |                     |        |                      |        |  |        |        |        |        |        |  |        |  |  |  |  |
| District 1                    | 358                       | 11                | 46     | 80                | 149    | 50                  | 1      | -                   | -      | -                    | -      | 353  | 77     | 250    | 26     | -      | -      |  |        |  |  |  |  |
| District 2                    | 165                       | 2                 | 27     | 67                | 60     | 4                   | -      | -                   | -      | -                    | -      | 164  | 96     | 61     | 7      | -      | -      |  |        |  |  |  |  |
| District 3                    | 95                        | 25                | 34     | 22                | 13     | -                   | -      | -                   | -      | -                    | -      | 82   | 50     | 32     | -      | -      | -      |  |        |  |  |  |  |
| District 4                    | 58                        | 25                | 23     | 9                 | 1      | -                   | -      | -                   | -      | -                    | -      | 53   | 49     | 4      | -      | -      | -      |  |        |  |  |  |  |
| Total                         | 676                       | 63                | 130    | 178               | 223    | 54                  | 1      | -                   | -      | -                    | -      | 652  | 272    | 347    | 33     | -      | -      |  |        |  |  |  |  |
| Tennessee                     |                           |                   |        |                   |        |                     |        |                     |        |                      |        |  |        |        |        |        |        |  |        |  |  |  |  |
| District 1                    | 255                       | 5                 | 69     | 102               | 68     | 3                   | -      | -                   | -      | -                    | -      | 251  | 67     | 133    | 50     | 1      | -      |  |        |  |  |  |  |
| District 2                    | 28                        | 5                 | 20     | 2                 | 1      | -                   | -      | -                   | -      | -                    | -      | 22   | 15     | 7      | -      | -      | -      |  |        |  |  |  |  |
| Total                         | 283                       | 10                | 89     | 104               | 69     | 3                   | -      | -                   | -      | -                    | -      | 273  | 82     | 140    | 50     | 1      | -      |  |        |  |  |  |  |
| Missouri                      |                           |                   |        |                   |        |                     |        |                     |        |                      |        |  |        |        |        |        |        |  |        |  |  |  |  |
| Illinois                      | 154                       | 1                 | 25     | 60                | 61     | 6                   | -      | -                   | -      | -                    | -      | 153  | 24     | 120    | 9      | -      | -      |  |        |  |  |  |  |
| Kentucky                      | 2                         | 2                 | -      | -                 | -      | -                   | -      | -                   | -      | -                    | -      | 2  | 1      | 1      | -      | -      | -      |  |        |  |  |  |  |
| Area Total                    | 1,900                     | 122               | 408    | 548               | 662    | 112                 | 2      | 1,944               | 650    | 1,035                | 158    | 1  | -      | -      | -      | -      | -      |  |        |  |  |  |  |

Table 8. Cotton gin batteries with specified kinds of equipment, South Central Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Number of gin batteries having:      |                      |                   |                                     |         |                        | Batteries with<br>seed cotton cleaners<br>under the<br>distributor |                    |        |
|-------------------------------|---------------------------|--------------------------------------|----------------------|-------------------|-------------------------------------|---------|------------------------|--|--------------------|--------|
|                               |                           | Bulk<br>or<br>master feed<br>control | Overhead<br>cleaners | Bur<br>extractors | Stick and<br>green leaf<br>machines | Magnets | Green<br>boll<br>traps | Overflow<br>bypass   | Moisture<br>meters | Number |
|                               |                           |                                      |                      | Number            | Number                              | Number  | Number                 | Number   | Number             | Number |
| Louisiana                     |                           |                                      |                      |                   |                                     |         |                        |  |                    |        |
| District 1                    | 53                        | 10                                   | 46                   | 28                | 10                                  | 12      | 21                     | 33   | 2                  | 53     |
| District 2                    | 4                         | -                                    | 2                    | -                 | -                                   | -       | 1                      | -  | -                  | 2      |
| District 3                    | 99                        | 28                                   | 97                   | 52                | 51                                  | 31      | 43                     | 78   | 9                  | 69     |
| District 4                    | 75                        | 3                                    | 59                   | 19                | 7                                   | 14      | 23                     | 22   | 3                  | 71     |
| Total                         | 231                       | 41                                   | 204                  | 99                | 68                                  | 57      | 88                     | 133  | 14                 | 195    |
| Arkansas                      |                           |                                      |                      |                   |                                     |         |                        |  |                    |        |
| District 1                    | 21                        | 2                                    | 20                   | 13                | 2                                   | 4       | 3                      | 14   | 1                  | 21     |
| District 2                    | 301                       | 67                                   | 294                  | 190               | 54                                  | 156     | 130                    | 189  | 25                 | 165    |
| District 3                    | 46                        | 5                                    | 36                   | 23                | 14                                  | 21      | 18                     | 26   | 1                  | 44     |
| District 4                    | 183                       | 40                                   | 178                  | 117               | 43                                  | 82      | 75                     | 108  | 17                 | 182    |
| Total                         | 551                       | 114                                  | 528                  | 343               | 113                                 | 263     | 226                    | 337  | 44                 | 412    |
| Mississippi                   |                           |                                      |                      |                   |                                     |         |                        |  |                    |        |
| District 1                    | 358                       | 108                                  | 338                  | 226               | 125                                 | 200     | 197                    | 263  | 105                | 356    |
| District 2                    | 165                       | 16                                   | 150                  | 38                | 55                                  | 38      | 41                     | 100  | 3                  | 30     |
| District 3                    | 95                        | 9                                    | 55                   | 17                | 7                                   | 18      | 13                     | 26   | 2                  | 20     |
| District 4                    | 58                        | 1                                    | 28                   | 9                 | 2                                   | 4       | 7                      | 15   | -                  | 3      |
| Total                         | 676                       | 134                                  | 571                  | 290               | 189                                 | 260     | 258                    | 404  | 110                | 409    |
| Tennessee                     |                           |                                      |                      |                   |                                     |         |                        |  |                    |        |
| District 1                    | 255                       | 41                                   | 241                  | 116               | 55                                  | 79      | 51                     | 152  | 20                 | 37     |
| District 2                    | 28                        | 1                                    | 20                   | 7                 | 3                                   | 3       | 8                      | -  | -                  | -      |
| Total                         | 283                       | 42                                   | 261                  | 123               | 58                                  | 82      | 59                     | 170  | 20                 | 37     |
| Missouri                      | 154                       | 54                                   | 150                  | 101               | 38                                  | 91      | 42                     | 117  | 26                 | 49     |
| Illinois                      | 2                         | -                                    | 2                    | -                 | -                                   | -       | -                      | 2  | -                  | -      |
| Kentucky                      | 3                         | 1                                    | 3                    | 2                 | 1                                   | -       | 1                      | 2  | -                  | 1      |
| Area Total                    | 1,900                     | 386                                  | 1,719                | 958               | 467                                 | 753     | 674                    | 1,165  | 214                | 1,103  |

Table 9. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages.

South Central Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Batteries by number of gin stands |        |        |        |        |        | Batteries by number<br>of lint cleaning stages |        |                 |        |   |        |
|-------------------------------|---------------------------|-----------------------------------|--------|--------|--------|--------|--------|--|--------|-----------------|--------|---|--------|
|                               |                           | Two or<br>less                    |        | Three  |        | Four   |        | Five   |        | Six and<br>more |        | Batteries<br>having<br>lint<br>cleaners |        |
|                               |                           | Number                            | Number | Number | Number | Number | Number | Number   | Number | Number          | Number | Number                                  | Number |
| Louisiana                     |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| District 1                    | 53                        | 3                                 | 14     | 24     | 12     | -      | -      | -  | -      | 52              | 12     | 29                                      | 10     |
| District 2                    | 4                         | -                                 | 1      | 2      | 1      | -      | -      | -  | -      | -               | -      | -                                       | -      |
| District 3                    | 99                        | 2                                 | 13     | 66     | 18     | -      | -      | -  | -      | 99              | 11     | 64                                      | 23     |
| District 4                    | 75                        | 2                                 | 15     | 51     | 7      | -      | -      | -  | -      | 69              | 37     | 31                                      | 1      |
| Total                         | 231                       | 7                                 | 43     | 143    | 38     | -      | -      | -  | -      | 220             | 60     | 124                                     | 34     |
| Arkansas                      |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| District 1                    | 21                        | 1                                 | 13     | 5      | 2      | -      | -      | -  | -      | 17              | 10     | 5                                       | 2      |
| District 2                    | 301                       | 12                                | 103    | 147    | 39     | -      | -      | -  | -      | 296             | 107    | 160                                     | 29     |
| District 3                    | 46                        | 4                                 | 11     | 25     | 6      | -      | -      | -  | -      | 37              | 13     | 20                                      | 4      |
| District 4                    | 183                       | 10                                | 72     | 82     | 19     | -      | -      | -  | -      | 179             | 67     | 88                                      | 22     |
| Total                         | 551                       | 27                                | 199    | 259    | 66     | -      | -      | -  | -      | 529             | 197    | 273                                     | 57     |
| Mississippi <sup>1</sup>      |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| District 1                    | 358                       | 12                                | 82     | 216    | 46     | 2      | -      | -  | -      | 341             | 75     | 244                                     | 22     |
| District 2                    | 165                       | 7                                 | 63     | 86     | 9      | -      | -      | -  | -      | 162             | 72     | 82                                      | 8      |
| District 3                    | 95                        | 5                                 | 26     | 60     | 4      | -      | -      | -  | -      | 72              | 57     | 14                                      | 1      |
| District 4                    | 58                        | 1                                 | 20     | 35     | 2      | -      | -      | -  | -      | 46              | 41     | 5                                       | -      |
| Total                         | 676                       | 25                                | 191    | 397    | 61     | 2      | -      | -  | -      | 621             | 245    | 345                                     | 31     |
| Tennessee                     |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| District 1                    | 255                       | 14                                | 129    | 105    | 7      | -      | -      | -  | -      | 253             | 73     | 152                                     | 28     |
| District 2                    | 28                        | -                                 | 14     | 14     | -      | -      | -      | -  | -      | 23              | 16     | 7                                       | -      |
| Total                         | 283                       | 14                                | 143    | 119    | 7      | -      | -      | -  | -      | 276             | 89     | 159                                     | 28     |
| Missouri                      |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| District 1                    | 154                       | 3                                 | 58     | 84     | 9      | -      | -      | -  | -      | 153             | 26     | 106                                     | 21     |
| Illinois                      |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| Kentucky                      |                           |                                   |        |        |        |        |        |  |        |                 |        |   |        |
| Area Total                    | 1,900                     | 76                                | 639    | 1,002  | 181    | 2      | 1,804  | 619  | 1,009  | 172             | 4      |   |        |

Table 10. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages,  
Southwestern Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Bales ginned      |        |                   |        |                |        |                | Number of<br>batteries<br>having<br>seed cotton<br>dryers |                      |        |                       | Number of drying stages |        |        |        |                     |
|-------------------------------|---------------------------|-------------------|--------|-------------------|--------|----------------|--------|----------------|---|----------------------|--------|-----------------------|-------------------------|--------|--------|--------|---------------------|
|                               |                           | 500<br>or<br>less |        | 501<br>-<br>1,500 |        | 1,501<br>2,500 |        | 2,501<br>5,000 |   | 5,001<br>-<br>10,000 |        | 10,001<br>and<br>over |                         | One    | Two    | Three  | Four<br>and<br>more |
|                               |                           | Number            | Number | Number            | Number | Number         | Number | Number         | Number  | Number               | Number | Number                | Number                  | Number | Number | Number |                     |
| <b>Texas</b>                  |                           |                   |        |                   |        |                |        |                |   |                      |        |                       |                         |        |        |        |                     |
| District 1                    | 466                       | 1                 | 5      | 33                | 190    | 229            | 7      | 466            | 176   | 250                  | 37     | 3                     |                         |        |        |        |                     |
| District 2                    | 195                       | -                 | 11     | 37                | 82     | 51             | 14     | 195            | 148   | 47                   | -      | -                     |                         |        |        |        |                     |
| District 3                    | 11                        | 1                 | 4      | 6                 | -      | -              | -      | 10             | ■   | -                    | 1      | -                     |                         |        |        |        |                     |
| District 4                    | 286                       | 36                | 138    | 76                | 35     | 1              | -      | 285            | 171   | 108                  | 6      | -                     |                         |        |        |        |                     |
| District ■                    | 70                        | 28                | 21     | 8                 | 9      | 4              | -      | 68             | 31  | 34                   | 3      | -                     |                         |        |        |        |                     |
| District 6                    | 69                        | -                 | 2      | 9                 | 34     | 21             | 3      | 69             | 41  | 19                   | 9      | -                     |                         |        |        |        |                     |
| District 7                    | 18                        | 3                 | 4      | 1                 | 3      | 7              | -      | 14             | 9   | 4                    | 1      | -                     |                         |        |        |        |                     |
| District 8                    | 158                       | 43                | 50     | 30                | 34     | 1              | -      | 145            | 59  | 69                   | 13     | 4                     |                         |        |        |        |                     |
| District 9                    | 77                        | 7                 | 40     | 20                | 10     | -              | -      | 77             | 19  | 47                   | 11     | -                     |                         |        |        |        |                     |
| District 10                   | 146                       | 5                 | 22     | 28                | 51     | 32             | 8      | 146            | 30  | 100                  | 16     | -                     |                         |        |        |        |                     |
| Total                         | 1,496                     | 124               | 297    | 248               | 448    | 346            | 32     | 1,475          | 693   | 678                  | 97     | 7                     |                         |        |        |        |                     |
| <b>Oklahoma</b>               |                           |                   |        |                   |        |                |        |                |   |                      |        |                       |                         |        |        |        |                     |
| District 1                    | 113                       | 4                 | 23     | 41                | 28     | 17             | -      | 113            | 69  | 44                   | -      | -                     |                         |        |        |        |                     |
| District 2                    | 31                        | 8                 | 21     | 2                 | -      | -              | -      | 28             | 21  | 5                    | 2      | -                     |                         |        |        |        |                     |
| District 3                    | 28                        | 1                 | 13     | 13                | 1      | -              | -      | 27             | 21  | 6                    | -      | -                     |                         |        |        |        |                     |
| Total                         | 172                       | 13                | 57     | 56                | 29     | 17             | -      | 168            | 111   | 55                   | 2      | -                     |                         |        |        |        |                     |
| Area Total                    | 1,668                     | 137               | 354    | 304               | 477    | 363            | 32     | 1,643          | 804   | 733                  | 99     | 7                     |                         |        |        |        |                     |

Table 11. Cotton gin batteries with specified kinds of equipment, Southwestern Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Number of gin batteries having:      |                      |                   |                                     |         |                        | Moisture<br>meters | Number | Number |
|-------------------------------|---------------------------|--------------------------------------|----------------------|-------------------|-------------------------------------|---------|------------------------|--------------------|--------|--------|
|                               |                           | Bulk<br>or<br>master feed<br>control | Overhead<br>cleaners | Bur<br>extractors | Stick and<br>green leaf<br>machines | Magnets | Green<br>boll<br>traps | Overflow<br>bypass |        |        |
|                               | Number                    | Number                               | Number               | Number            | Number                              | Number  | Number                 | Number             | Number | Number |
| Texas                         |                           |                                      |                      |                   |                                     |         |                        |                    |        |        |
| District 1                    | 466                       | 125                                  | 466                  | 442               | 162                                 | 133     | 444                    | 339                | 64     | 433    |
| District 2                    | 195                       | 25                                   | 195                  | 191               | 43                                  | 1       | 147                    | 143                | 2      | 54     |
| District 3                    | 11                        | -                                    | 11                   | 9                 | 2                                   | -       | 7                      | 4                  | -      | 3      |
| District 4                    | 286                       | 17                                   | 286                  | 271               | 95                                  | 35      | 240                    | 185                | 4      | 32     |
| District 5                    | 70                        | 7                                    | 70                   | 61                | 16                                  | 14      | 37                     | 42                 | -      | 10     |
| District 6                    | 69                        | 13                                   | 69                   | 45                | 23                                  | 16      | 50                     | 67                 | 46     | 7      |
| District 7                    | 18                        | 2                                    | 18                   | 17                | 4                                   | -       | 14                     | 9                  | -      | 2      |
| District 8                    | 158                       | 28                                   | 152                  | 140               | 41                                  | 39      | 109                    | 84                 | 19     | 43     |
| District 9                    | 77                        | 13                                   | 77                   | 61                | 29                                  | 14      | 41                     | 54                 | 4      | 21     |
| District 10                   | 146                       | 45                                   | 146                  | 93                | 60                                  | 53      | 96                     | 32                 | 34     | 17     |
| Total                         | 1,496                     | 275                                  | 1,490                | 1,330             | 475                                 | 305     | 1,185                  | 959                | 173    | 622    |
| Oklahoma                      |                           |                                      |                      |                   |                                     |         |                        |                    |        |        |
| District 1                    | 113                       | 27                                   | 113                  | 109               | 27                                  | 6       | 84                     | 97                 | 3      | 94     |
| District 2                    | 31                        | -                                    | 30                   | 28                | 1                                   | 1       | 6                      | 20                 | -      | 30     |
| District 3                    | 28                        | 3                                    | 28                   | 27                | 9                                   | 1       | 11                     | 24                 | 2      | 21     |
| Total                         | 172                       | 30                                   | 171                  | 164               | 37                                  | 8       | 101                    | 141                | 5      | 145    |
| Area Total                    | 1,668                     | 305                                  | 1,661                | 1,494             | 512                                 | 313     | 1,286                  | 1,100              | 178    | 767    |

Batteries with  
seed cotton cleaners  
under the  
distributor

Table 12. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages, Southwestern Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Batteries by number of gin stands |       |      |                 |                 |        | Batteries by number<br>of lint cleaning stages |        |        |        |        |        |        |        |        |
|-------------------------------|---------------------------|-----------------------------------|-------|------|-----------------|-----------------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|
|                               |                           | Gin stands                        |       |      | Six and<br>more |                 |        | One  |        |        | Two    |        |        | Three  |        |        |
|                               |                           | Two or<br>less                    | Three | Four | Five            | Six and<br>more | Number | Number   | Number | Number | Number | Number | Number | Number | Number | Number |
| <b>Texas</b>                  |                           |                                   |       |      |                 |                 |        |  |        |        |        |        |        |        |        |        |
| District 1                    | 466                       | 3                                 | 19    | 201  | 235             | 8               | 466    | 35   | 344    | 86     | 1      | -      | -      | -      | -      |        |
| District 2                    | 195                       | 2                                 | 7     | 98   | 85              | 3               | 195    | 78   | 103    | 14     | -      | -      | -      | -      | -      |        |
| District 3                    | 11                        | -                                 | 1     | 8    | 2               | -               | 11     | 9  | 2      | -      | -      | -      | -      | -      | -      |        |
| District 4                    | 286                       | 10                                | 18    | 168  | 89              | 1               | 276    | 174  | 92     | 9      | 1      | 1      | 1      | 1      | -      |        |
| District 5                    | 70                        | -                                 | 4     | 48   | 17              | 1               | 61     | 44   | 16     | 1      | -      | -      | -      | -      | -      |        |
| District 6                    | 69                        | 1                                 | 3     | 16   | 32              | 17              | 57     | 4  | 33     | 20     | -      | -      | -      | -      | -      |        |
| District 7                    | 18                        | 1                                 | 2     | 8    | 7               | -               | 14     | 8  | 5      | 1      | -      | -      | -      | -      | -      |        |
| District 8                    | 158                       | 2                                 | 16    | 57   | 81              | 2               | 134    | 70   | 56     | 8      | -      | -      | -      | -      | -      |        |
| District 9                    | 77                        | 1                                 | 3     | 41   | 32              | -               | 77     | 28   | 49     | -      | -      | -      | -      | -      | -      |        |
| District 10                   | 146                       | 1                                 | 4     | 38   | 97              | 6               | 145    | 19   | 91     | 35     | -      | -      | -      | -      | -      |        |
| Total                         | 1,496                     | 21                                | 77    | 683  | 677             | 38              | 1,436  | 469  | 791    | 174    | 2      | -      | -      | -      | -      |        |
| <b>Oklahoma</b>               |                           |                                   |       |      |                 |                 |        |  |        |        |        |        |        |        |        |        |
| District 1                    | 113                       | 5                                 | 14    | 63   | 30              | 1               | 111    | 43   | 66     | 2      | -      | -      | -      | -      | -      |        |
| District 2                    | 31                        | 1                                 | 5     | 21   | 4               | -               | 24     | 24   | -      | -      | -      | -      | -      | -      | -      |        |
| District 3                    | 28                        | 2                                 | 3     | 21   | 2               | -               | 27     | 20   | 6      | 6      | 1      | 1      | 1      | 1      | -      |        |
| Total                         | 172                       | 8                                 | 22    | 105  | 36              | 1               | 162    | 87   | 72     | 3      | -      | -      | -      | -      | -      |        |
| Area Total                    | 1,668                     | 29                                | 99    | 788  | 713             | 39              | 1,598  | 556  | 863    | 177    | 2      | -      | -      | -      | -      |        |

Table 13. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages, Far Western Area, 1961-62

| District   | State and Area | Total gin batteries | Bales ginned |        |        |             |        |        | Batteries by number of drying stages |        |        |               |        |        |                |        |        |
|------------|----------------|---------------------|--------------|--------|--------|-------------|--------|--------|--------------------------------------|--------|--------|---------------|--------|--------|----------------|--------|--------|
|            |                |                     | 500 or less  |        |        | 501 - 1,500 |        |        | 1,501 - 2,500                        |        |        | 2,501 - 5,000 |        |        | 5,001 - 10,000 |        |        |
|            |                |                     | Number       | Number | Number | Number      | Number | Number | Number                               | Number | Number | Number        | Number | Number | Number         | Number | Number |
| Arizona    | District 1     | Saw Gins            | 12           | -      | 2      | -           | 2      | -      | 7                                    | 1      | -      | 12            | 4      | 8      | -              | -      | -      |
|            |                | Roller Gins         | -            | -      | -      | -           | -      | -      | -                                    | -      | -      | -             | -      | -      | -              | -      | -      |
|            |                | All Gins            | 12           | -      | 2      | -           | 2      | -      | 7                                    | 1      | -      | 12            | 4      | 8      | -              | -      | -      |
|            | District 2     | Saw Gins            | 50           | -      | -      | -           | 19     | 28     | 3                                    | -      | 50     | 19            | 26     | 5      | -              | -      | -      |
|            |                | Roller Gins         | 8            | -      | 5      | 2           | 20     | 28     | 3                                    | -      | 8      | 7             | 1      | -      | -              | -      | -      |
|            |                | All Gins            | 58           | -      | 5      | 2           | -      | -      | -                                    | 58     | 26     | 27            | 5      | -      | -              | -      | -      |
|            | District 3     | Saw Gins            | 59           | -      | -      | 2           | 10     | 41     | 6                                    | -      | 59     | 12            | 42     | 5      | -              | -      | -      |
|            |                | Roller Gins         | 7            | -      | 6      | 3           | 1      | -      | -                                    | -      | 7      | 7             | -      | -      | -              | -      | -      |
|            |                | All Gins            | 66           | -      | 6      | 3           | 10     | 41     | 6                                    | -      | 66     | 19            | 42     | 5      | -              | -      | -      |
|            | District 4     | Saw Gins            | 9            | -      | -      | -           | 7      | 2      | -                                    | -      | 9      | 8             | 1      | -      | -              | -      | -      |
|            |                | Roller Gins         | 3            | -      | -      | -           | 1      | 2      | -                                    | -      | 3      | 3             | -      | -      | -              | -      | -      |
|            |                | All Gins            | 12           | -      | -      | -           | 8      | 4      | -                                    | -      | 12     | 11            | 1      | -      | -              | -      | -      |
|            | Total          |                     | 148          | -      | 13     | 5           | 40     | 80     | 10                                   | -      | 148    | 60            | 78     | 10     | -              | -      | -      |
| California | District 1     | Saw Gins            | 291          | 1      | 2      | 8           | 136    | 141    | 3                                    | 291    | 10     | 168           | 105    | 8      | -              | -      | -      |
|            |                | Roller Gins         | -            | -      | -      | -           | 1      | 21     | 3                                    | -      | 25     | 4             | 19     | 2      | -              | -      | -      |
|            |                | All Gins            | 25           | -      | 1      | 2           | 8      | 137    | 162                                  | 6      | 316    | 14            | 187    | 107    | 8              | -      | -      |
|            | Total          |                     | 316          | -      | -      | -           | -      | -      | -                                    | -      | -      | -             | -      | -      | -              | -      | -      |
| New Mexico | District 1     | Saw Gins            | 26           | 1      | 2      | 3           | 12     | 8      | -                                    | -      | 25     | 19            | 6      | -      | -              | -      | -      |
|            |                | Roller Gins         | 4            | 1      | 1      | -           | 2      | -      | -                                    | -      | 4      | 4             | -      | -      | -              | -      | -      |
|            |                | All Gins            | 30           | 2      | 3      | 3           | 14     | 8      | -                                    | -      | 29     | 23            | 6      | -      | -              | -      | -      |
|            | District 2     | Saw Gins            | 44           | 1      | 1      | 9           | 19     | 12     | 2                                    | -      | 44     | 8             | 17     | 13     | 6              | -      | -      |
|            |                | Roller Gins         | -            | -      | -      | -           | -      | -      | -                                    | -      | -      | -             | -      | -      | -              | -      | -      |
|            |                | All Gins            | 44           | 1      | 1      | 9           | 19     | 12     | 2                                    | -      | 44     | 8             | 17     | 13     | 6              | -      | -      |
|            | Total          |                     | 74           | 3      | 4      | 12          | 33     | 20     | 2                                    | -      | 73     | 31            | 23     | 13     | 6              | -      | -      |
| Nevada     | Saw Gins       |                     | 1            | -      | -      | -           | -      | -      | -                                    | 1      | -      | 1             | 1      | -      | -              | -      | -      |
| Texas      | District 6     | Saw Gins            | 55           | -      | 1      | 5           | 27     | 19     | 3                                    | 55     | 27     | 19            | 9      | -      | -              | -      | -      |
|            |                | Roller Gins         | 14           | -      | 1      | 4           | 7      | 2      | -                                    | 14     | 14     | -             | -      | -      | -              | -      | -      |
|            |                | All Gins            | 69           | -      | 2      | 9           | 34     | 21     | 3                                    | 69     | 41     | 19            | 9      | -      | -              | -      | -      |
|            | Area Total     |                     | 608          | 4      | 21     | 34          | 244    | 284    | 21                                   | 607    | 147    | 307           | 139    | 14     | -              | -      | -      |

Table 14. Cotton gin batteries with specified kinds of equipment, Far Western Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Number of gin batteries having:      |                      |                   |                                     |         |                        |                    |        | Moisture<br>meters | Number | Batteries with<br>seed cotton cleaners<br>under the<br>distributor |
|-------------------------------|---------------------------|--------------------------------------|----------------------|-------------------|-------------------------------------|---------|------------------------|--------------------|--------|--------------------|--------|--|
|                               |                           | Bulk<br>or<br>master feed<br>control | Overhead<br>cleaners | Bur<br>extractors | Stick and<br>green leaf<br>machines | Magnets | Green<br>ball<br>traps | Overflow<br>bypass |        |                    |        |  |
| Number                        | Number                    | Number                               | Number               | Number            | Number                              | Number  | Number                 | Number             | Number | Number             | Number | Number   |
| <b>Arizona</b>                |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| District 1                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 12                        | 10                                   | 12                   | 10                | 4                                   | 2       | 12                     | 5                  | 5      | 3                  | 2      | -  |
| Roller Gins                   | -                         | -                                    | -                    | -                 | -                                   | -       | -                      | -                  | -      | -                  | -      | -  |
| All Gins                      | 12                        | 10                                   | 12                   | 10                | 4                                   | 2       | 12                     | 5                  | 5      | 3                  | 2      | -  |
| District 2                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 50                        | 37                                   | 50                   | 48                | 1                                   | 10      | 47                     | 43                 | 16     | 32                 | 4      | 36   |
| Roller Gins                   | 8                         | 6                                    | 8                    | -                 | -                                   | 1       | 7                      | 7                  | 1      | 1                  | 4      | 39   |
| All Gins                      | 58                        | 43                                   | 58                   | 48                | 1                                   | 11      | 54                     | 50                 | 17     | 18                 | 4      | 39   |
| District 3                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 59                        | 46                                   | 59                   | 55                | 2                                   | 22      | 59                     | 45                 | 17     | 35                 | -      | -  |
| Roller Gins                   | 7                         | 7                                    | 7                    | 5                 | -                                   | 3       | 5                      | 6                  | 1      | 1                  | 4      | 39   |
| All Gins                      | 66                        | 53                                   | 66                   | 60                | 2                                   | 25      | 64                     | 51                 | 18     | 18                 | 4      | 39   |
| District 4                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 9                         | 2                                    | 9                    | 5                 | 1                                   | -       | 9                      | 9                  | 4      | 2                  | -      | -  |
| Roller Gins                   | 3                         | 2                                    | 3                    | 2                 | 2                                   | -       | 2                      | 3                  | 3      | 3                  | -      | -  |
| All Gins                      | 12                        | 4                                    | 12                   | 7                 | 3                                   | -       | 11                     | 12                 | 4      | 2                  | 2      | 2  |
| Total                         | 148                       | 110                                  | 148                  | 125               | 10                                  | 38      | 141                    | 118                | 42     | 79                 | -      | -  |
| <b>California</b>             |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| District 1                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 291                       | 267                                  | 291                  | 216               | 38                                  | 122     | 167                    | 259                | 92     | 141                | -      | -  |
| District 2                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 25                        | 23                                   | 25                   | 17                | 6                                   | 8       | 24                     | 19                 | 11     | -                  | -      | -  |
| Total                         | 316                       | 290                                  | 316                  | 233               | 44                                  | 130     | 191                    | 278                | 103    | 141                | -      | -  |
| <b>New Mexico</b>             |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| District 1                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 26                        | 9                                    | 26                   | 13                | 12                                  | 13      | 19                     | 25                 | 10     | 2                  | -      | -  |
| Roller Gins                   | 4                         | -                                    | 4                    | 3                 | 1                                   | 1       | 4                      | 4                  | 2      | -                  | -      | -  |
| All Gins                      | 30                        | 9                                    | 30                   | 16                | 13                                  | 14      | 20                     | 29                 | 12     | 2                  | -      | -  |
| District 2                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 44                        | 6                                    | 44                   | 34                | 18                                  | 16      | 42                     | 37                 | 15     | 8                  | -      | -  |
| Roller Gins                   | -                         | -                                    | -                    | -                 | -                                   | -       | -                      | -                  | -      | 5                  | -      | -  |
| All Gins                      | 44                        | 6                                    | 44                   | 34                | 18                                  | 16      | 42                     | 37                 | 15     | 8                  | -      | -  |
| Total                         | 74                        | 17                                   | 74                   | 50                | 31                                  | 30      | 62                     | 66                 | 27     | 10                 | -      | -  |
| <b>Nevada</b>                 |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 1                         | 1                                    | 1                    | 1                 | -                                   | -       | 1                      | 1                  | 1      | -                  | -      | -  |
| <b>Texas</b>                  |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| District 6                    |                           |                                      |                      |                   |                                     |         |                        |                    |        |                    |        |  |
| Saw Gins                      | 55                        | 13                                   | 55                   | 35                | 18                                  | 16      | 46                     | 53                 | 38     | 7                  | -      | -  |
| Roller Gins                   | 14                        | -                                    | 14                   | 10                | 5                                   | -       | 4                      | 14                 | 8      | 7                  | -      | -  |
| All Gins                      | 69                        | 13                                   | 69                   | 45                | 23                                  | 16      | 50                     | 67                 | 46     | 7                  | -      | -  |
| Area Total                    | 608                       | 431                                  | 608                  | 454               | 108                                 | 214     | 445                    | 530                | 218    | 237                | -      | -  |

Table 15. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages,  
Far Western Area, 1961-62

| District<br>State and<br>Area | Total<br>gin<br>batteries | Batteries by number of gin stands |        |        |        |        | Batteries<br>having<br>lint<br>cleaners<br>Number | Batteries by number<br>of lint cleaning stages |        |        |        |                  |
|-------------------------------|---------------------------|-----------------------------------|--------|--------|--------|--------|---|--|--------|--------|--------|------------------|
|                               |                           | Two or<br>less                    |        | Three  | Four   | Five   |   | One  |        | Two    | Three  | Four and<br>more |
|                               |                           | Number                            | Number | Number | Number | Number |   | Number   | Number | Number | Number | Number           |
| Arizona                       |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| District 1                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 12                        | -                                 | 1      | 2      | 9      | -      | 12  | -  | -      | 12     | -      | -                |
| Roller Gins                   | -                         | -                                 | 1      | 2      | 9      | -      | 12  | -  | -      | 12     | -      | -                |
| All Gins                      | 12                        | -                                 | 1      | 2      | 33     | 9      | 50  | 4  | 26     | 16     | 4      | 4                |
| District 2                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 50                        | -                                 | 6      | 2      | 33     | 8      | 8   | 3  | 5      | -      | -      | -                |
| Roller Gins                   | 8                         | -                                 | 6      | 2      | 33     | 17     | 58  | 7  | 31     | 16     | 4      | 4                |
| All Gins                      | 58                        | -                                 | 6      | 2      | 33     | 17     | 58  | 7  | 31     | 16     | 4      | 4                |
| District 3                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 59                        | -                                 | 2      | 3      | 53     | 1      | 59  | 8  | 29     | 20     | 2      | 2                |
| Roller Gins                   | 7                         | -                                 | 2      | 3      | 53     | 8      | 66  | 11   | 33     | 20     | 2      | 2                |
| All Gins                      | 66                        | -                                 | 2      | 3      | 53     | 8      | 66  | 11   | 33     | 20     | 2      | 2                |
| District 4                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 9                         | -                                 | 1      | 4      | 4      | -      | 9   | -  | 8      | 1      | -      | -                |
| Roller Gins                   | 3                         | -                                 | 1      | 4      | 4      | 3      | 3   | -  | 3      | -      | -      | -                |
| All Gins                      | 12                        | -                                 | 1      | 4      | 4      | 3      | 12  | -  | 11     | 1      | -      | -                |
| Total                         | 148                       | -                                 | 10     | 11     | 99     | 28     | 148   | 18   | 87     | 37     | 6      | 6                |
| California                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| District 1                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 291                       | 1                                 | 7      | 20     | 228    | 35     | 291   | 12   | 201    | 78     | -      | -                |
| District 2                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 25                        | -                                 | -      | 7      | 27     | 246    | 35  | 316  | 12     | 224    | 80     | 2                |
| Total                         | 316                       | 1                                 | 7      | 27     | 246    | 35     | 316   | 12   | 224    | 80     | 2      | 2                |
| New Mexico                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| District 1                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 26                        | 1                                 | 3      | 10     | 11     | 1      | 26  | 7  | 19     | -      | -      | -                |
| Roller Gins                   | 4                         | 1                                 | 1      | -      | -      | 3      | 3   | -  | 3      | -      | -      | -                |
| All Gins                      | 30                        | 1                                 | 4      | 10     | 11     | 4      | 29  | 7  | 22     | -      | -      | -                |
| District 2                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 44                        | -                                 | 3      | 23     | 17     | 1      | 44  | 4  | 19     | 22     | -      | -                |
| Roller Gins                   | -                         | -                                 | -      | 23     | 17     | 1      | 44  | -  | -      | -      | -      | -                |
| All Gins                      | 44                        | 1                                 | 3      | 23     | 17     | 5      | 73  | 11   | 41     | 21     | -      | -                |
| Total                         | 74                        | 1                                 | 7      | 33     | 28     | 5      | 73  | 11   | 41     | 21     | -      | -                |
| Nevada                        |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 1                         | -                                 | -      | -      | 1      | -      | 1   | -  | 1      | -      | -      | -                |
| Texas                         |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| District 6                    |                           |                                   |        |        |        |        |   |  |        |        |        |                  |
| Saw Gins                      | 55                        | 1                                 | 3      | 16     | 32     | 3      | 55  | 4  | 31     | 20     | -      | -                |
| Roller Gins                   | 14                        | -                                 | -      | -      | -      | 14     | 2   | -  | 2      | -      | -      | -                |
| All Gins                      | 69                        | 1                                 | 3      | 16     | 32     | 17     | 57  | 4  | 33     | 20     | -      | -                |
| Area Total                    | 608                       | 3                                 | 27     | 87     | 406    | 85     | 595   | 45   | 386    | 158    | 6      | 6                |





Growth Through Agricultural Progress